

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/045542 A2

(51) International Patent Classification⁷:

G05B 23/00

(74) Agents: ZARLEY, Timothy, J. et al.; Capital Square, 400 Locust Street, Suite 200, Des Moines, Iowa 50309-2350 (US).

(21) International Application Number:

PCT/US2004/035481

(22) International Filing Date: 26 October 2004 (26.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/515,170 28 October 2003 (28.10.2003) US

(71) Applicant (for all designated States except US):
TOWNSEND ENGINEERING COMPANY [US/US];
2425 Hubbell Avenue, Des Moines, Iowa 50317 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): JOYNT, Paul, J. [US/US]; 2425 Hubbell Avenue, Des Moines, Iowa 50317 (US). SIMPSON, Michael, S. [US/US]; 2425 Hubbell Avenue, Des Moines, Iowa 50317 (US). PFEFFER, Daniel, W. [US/US]; 2425 Hubbell Avenue, Des Moines, Iowa 50317 (US). BASILE, Vincent, L. II [US/US]; 2425 Hubbell Avenue, Des Moines, Iowa 50317 (US). MCCLOSKEY, Douglas, N. [US/US]; 2425 Hubbell Avenue, Des Moines, Iowa 50317 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

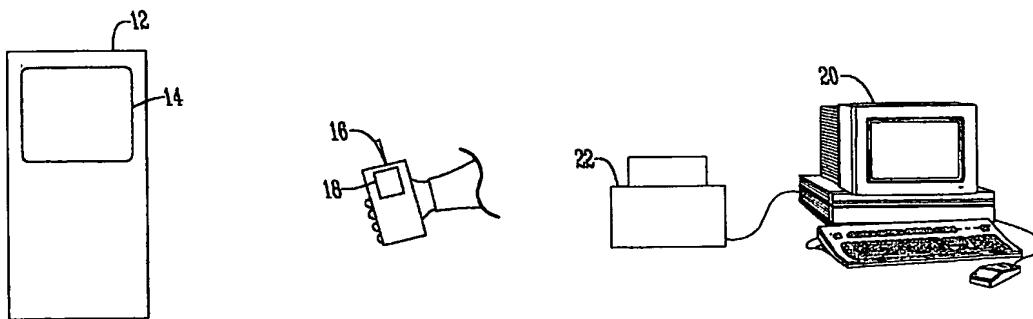
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND MEANS FOR DOWNLOADING DATA FROM A MACHINE



WO 2005/045542 A2

(57) Abstract: A device for downloading data from a machine having a touch screen or PLC to govern its operation, the device includes a handheld control unit that is operably associated with the touch screen or PLC such that the touch screen or PLC can be downloaded from the touch screen onto the device and information from the device can be transmitted to a personal computer to be viewed or printed. Additionally, a method of downloading the data from a machine having a touch screen or PLC to a handheld control unit and downloading this information to a personal computer such that the information can be viewed or printed.